



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PATENT APPLICATION OF: REMEDIOS, D., et al

SERIAL NO: 10/635,561 ART UNIT: ---

FILED: 7 August 2003 EXAMINER: ---

SUBJECT: METHOD AND SYSTEM FOR SELECTIVE OPTICAL PAYLOAD CANCELLATION

THE ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C., 20231, U.S.A.

Sir:

**INFORMATION DISCLOSURE STATEMENT**  
**37 CFR §1.97(b)**

Applicants submit the following information and request that it be made of record in respect of the above-noted application:

1. Forms PTO-SB/08A and /08B; and
2. Copies of the references cited therein.

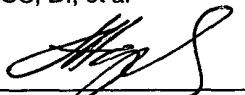
This Information Disclosure Statement is being filed within three months of receipt thereof or before the mailing date of a first Office Action on the merits. No certification or fee is required (37 CFR 1.97(b)).

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application. Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the claims of the present application.

The Commissioner is hereby authorized to charge any additional fees which may be required to Deposit Account No. 501832.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO/SB/08B (two pages) be returned indicating that such information has been considered.

Yours truly,  
REMEDIOS, D., et al

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Date: September 17, 2003

SEP 22 2003

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

**Complete if Known**

Application Number	10/635.561
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Filing Date	7 August 2003
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First Named Inventor	BEMEDIOS, D. et al
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Art Unit	...
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Examiner Name	---
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Attorney Docket Number	TR-171-US
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Sheet	1	of	2
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## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

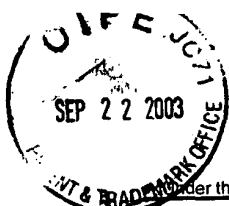
[illegible]

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/635,561
Filing Date	7 August 2003
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Art Unit	---
Examiner Name	---
Attorney Docket Number	TR-171-US

Sheet	2	of	2
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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AB	BROWN, K.M., and DENNIS, J.E., "Derivative Free Analogues of the Levenberg-Marquardt and Gauss Algorithms for Nonlinear Least Squares Approximation", Numerical Methods, Vol. 18, 1972, pp. 289-297.	
	AC	LEVENBERG, K., "A Method for the Solution of Certain Nonlinear Problems in Least Squares", Quarterly of Applied Mathematics, Vol. 2, 1944, pp. 164-168.	
	AD	MARQUARDT, D.W., "An Algorithm for Least Squares Estimation of Nonlinear Parameters", Journal of the Society of Industrial and Applied Mathematics (SIAM), Vol. 11, 1963, pp. 431-441.	
	AE	KIRKPATRICK, S., GELATT, C.D., and VECCHI, M.P., "Optimization by Simulated Annealing", Science, 220 (4598), 1983, pp. 671-680.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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